CAVS USA INC

Quickstart Manual

For

CAVS JB-99RG I, II
Karaoke Jukebox

Type I

Type II

Version 00.73RG and above

CAVS USA INC

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1. Unpacking

The unit will come in two pieces, one carton box and one wooden crate.

The carton box includes:
- TV monitor
  - with a steel plate attached at the bottom

The wooden crate includes:
- JB-99RG
- In the side pockets of JB-99RG:
  - Quickstart Manual
  - Power cable
  - 2 Keys
  - 4 bolts for TV attachment
  - 2 Microphone hangers with 4 bolts
- In the back bottom compartment:
  - Songbooks
  - Program CD-ROM, Songlist CD-ROM, BGV CD-ROM
  - Instruction sticker
  - 2 Microphones
  - Remote Control
  - Manager's kit: User's Manual, Remote control, and AV cable
  - FX cable
  - Swivel joint with 4 bolts
  - Mixer-amplifier cover

Together they weigh 375lbs with dimensions 22" x 22" x 21" for the carton box and 45" x 35" x 35" for the wooden crate. You are advised to have a forklift in the receiving location to unload them from a truck.

1.1 To dismantle the wooden crate, use a screwdriver to take out the screws from each side of the crate. Then using a crowbar, gently pry open the top cover followed by four sidewalls. Next using the steel handles located on three sides of JB-99RG, lift the unit out of the bottom holder and gently

place it on the floor. Unlock the wheels on the bottom of JB-99RG and roll the unit into its place.

1.1 When transporting the unit without its wooden crate, it is best to do so in its upright position. If a height restriction does not allow the upright positioning, then lay down the unit on its backside, preferably on top of a soft carpet for easy sliding and protection. Then use cushions on both ends of the unit to balance with the steel handle on the backside.

2. Installation

2.1 TV monitor

- Attach the swivel joint found in the back bottom compartment of JB-99RG onto the steel plate on the top of JB-99RG. Use the four bolts that came with the swivel joint for the attachment.

- Place the TV monitor on top of the swivel joint and attach it with the four bolts that came in the side pocket of JB-99RG.

NOTE: If you wish not to install the swivel joint, simply attach the TV monitor directly onto the steel plate on the top of JB-99RG.

- Insert the power cord of the TV into the circular hole on the top of the JB-99RG and down to the bottom compartment. Plug the power cord of the TV monitor into the multi-outlet inside the bottom compartment.

NOTE: The multi-outlet may have come loose from its holders in the bottom compartment while being transported. If so, place the multi-outlet into its position on the floor of the bottom compartment and lock it into position by sliding it against its holders.

- Connect the video RC cable on the top of JB-99RG to the TV monitor Video In.

2.2 Mixer-Amplifier

- Set all round knobs of the mixer-amplifier at the 12 o'clock (center) position except for the master volume (the largest round knob) that is to be set at 9 o'clock position.

- Set all 4 white push buttons so that they are pressed out (not pressed in). Also set the power button on.

WARNING: To avoid any damage to the mixer-amplifier and the speakers, please consult with CAVS Tech Support before attaching any additional speakers to the mixer-amplifier.

- There is a steel cover for the mixer-amplifier in the back bottom compartment of JB-99RG. When the settings for the mixer-amplifier have been made to your satisfaction, place the cover on the mixer-amplifier using the 4 bolts that are holding the mixer-amplifier to the JB-99RG case.

2.3 Microphones

- Attach the 2 microphone hangers onto the right side (the same side as the bill acceptor) of JB-99RG using the 4 bolts that came together in a side pocket of JB-99RG.

- Locate the microphones from their boxes and connect the headpieces to the cords.

- Insert the microphone jacks into the Mic1 and Mic2 Inputs of the mixer-amplifier on the back of JB-99RG.

- Place the microphones in the microphone hangers with the switches (located on the headpieces of the microphones) turned off.

WARNING: To prevent a possible damage to the mixer-amplifier from sudden pull on the microphones, tie the cords of the microphones to the steel handle on the back of JB-99RG before connecting to the mixer-amplifier.

2.4 Remote Control

- Locate the remote control and batteries from its box. Insert the batteries into the remote control.

WARNING: The remote control has access to many features and settings of the JB-99RG. It should be considered as a managerial tool that stays in the hands of the location rather the patrons. To find out about how to restrict the access, see the Step. 5 Setting Button Controls.

2.5 Instruction Sticker

Locate the Instruction sticker from the bottom compartment of JB-99RG. Peel off the back cover off the sticker and place it on the front panel of the JB-99RG. An exact location of the sticker can vary with personal preference.

3. Booting up

3.1 Locate a power cord in the side pocket of JB-99RG and connect it to the AC power socket on the back (bottom) of JB-99RG. Plug the power cord into a wall power outlet of 110V.

- Confirm that the red power light of the mixed-amplifier becomes lit on the back of JB-99RG.

- Confirm that the red power light of the cassette recorder becomes lit on a side of JB-99RG.

- Confirm that the bill acceptor begins to flash yellow lights on the front of JB-99RG.

- Confirm that the green power light of the TV monitor becomes lit.

3.2 Press the Power button on the TV monitor to turn it on. Change the channel to 1 for Video.

3.3 Press the Power button on the front panel of JB-99RG to begin the boot up process. (For Type II, use the Remote Control.)

Boot up will take approximately 30 to 60 seconds.

- Confirm that the TV monitor shows the welcome screen "Welcome to CAVS Sing Along".

- Confirm that the yellow flashing light of the bill acceptor has changed to green flashing lights.

NOTE: Once the JB-99RG unit is turned on, the Power button along with other selected buttons will be automatically disabled. To power off the unit, unplug the power cord, and to reboot, repeat the steps above. To turn off this automatic disable function, please go to Step 5. Setting Button Controls.

4. Operating JB-99RG

4.1 Quickstart operation

- Select a song from the songbook or press any of LineUP, LineDn, PgUp, and PgDn buttons for the on-screen songlist to choose a song.

- Press the Play button to begin playing.

- Turn on the microphones and sing along with the lyrics.

- Press the Stop button to stop playing.

4.2 Basic Functions

On Screen Songlist - Press any of LineDn, LineUp, PgUp, or PgDn button to display the songlist on the TV monitor.

- Select a category within which you wish to search for a song and press Play to enter.
- Select an alphabet within which you wish to search for a song and press Play to enter.
- You may move the curson by a page (by pressing PgDn or PgUp button) or by a line (by pressing LineDn or LineUp button). When a song or an artist you wish is selected, press Play button to enter.

Volume Control - Adjust the master volume level by pressing the Volume button (▲,▼) on the front panel. (For Type II, use the Remote Control.)

NOTE: For more detailed instructions on music and vocal volume controls, go to Step 16. Mixer-Amplifier.

Voice Cancel - Turn on or off the vocal track in the music by pressing the Vocal button. (For Type II, use the Remote Control.) This feature is only available for the multiplex karaoke songs.

Key Control - Adjust the key (pitch) level by pressing the Key button (▲,▼). (For Type II, use the Remote Control.)

Program – Program a song into the reservation queue by pressing the PROG button after entering a song code. (For Type II, use the Remote Control.) You can program up to 99 songs.

Cancel – Cancel the programmed songs by pressing the CANCEL button. (For Type II, use the Remote Control.) To delete a particular song in the queue, press the song code first and then press the CANCEL button.

NOTE: For more detailed instructions on how to operate the JB-99RG, please refer to the Section 7. How To Operate in the User's Manual for JB-99.

4.3 Password

- To set or change many features available in JB-99RG, you first need to enter and register your own password. The factory default password is Pause - Pause - 7. Enter this password by pressing Pause, Pause, 7 at the welcome screen. (For Type II, use the Remote Control.)

- A new screen <<SYSTEM CONTROL>> should appear on the TV Monitor. Press 5 and follow the instruction to register a new 4-digit password. After completing the registration of the new password, press the Stop button to return back to the Welcome screen.

- To re-enter the <<SYSTEM CONTROL>> screen, you must now press Pause, Pause, and your new 4-digit password. Go ahead to enter the new password and display the screen <<SYSTEM CONTROL>>. (For Type II, use the Remote Control.)

  WARNING: Keep a copy of the password in safe place. Lost or forgotten passwords cannot be bypassed and may result in costly servicing of your JB-99RG unit.

5. Setting Button Controls

Button controls on the front panel and the remote control of JB-99RG can access many features and settings of the jukebox. This however may not be desirable at all times especially when the unit is out operating in actual locations. To limit

such access, you can impose a variety of restrictions on the buttons as shown below.

Using the password, enter the <<SYSTEM CONTROL>> screen. (For Type II, use the Remote Control.) Press 6 to select "Button Control". A new screen <<BUTTON CONTROL>> will appear on the TV monitor.

5.1 Selection 1 sets the following buttons to "Enable" or "Disable":

DISC CHANGE, POWER, OPEN/CLOSE

Press 1 and use the LineDn and LineUp buttons to select Enable / Disable.

WARNING: It is strongly recommended to set Selection 1 as "Disable" at all times.

5.2 Selection 2 (Button set#01) sets the following buttons to "Enable" or "Disable":

DISC1, DISC2, DISC3, JB/CD, INTRO, RESUM, MENU, SETUP, PBC, PREV, NEXT, SLOW, RETURN, SELECT, PPGM, PAUSE, BGV, RETURN, RANDOM, REPEAT, FANFARE, PPGM.

Press 2 and use the LineDn and LineUp buttons to select Enable / Disable.

WARNING: It is strongly recommended to set the Selection 2 as "Disable" when operating with the bill acceptor.

5.3 Selection 4 (Button set#03) sets the following button to "Enable" or "Disable":

STOP (/RETURN)

Press 4 and use the LineDn and LineUp buttons to select Enable / Disable. Following table describes the resulting controls of the Stop button.

	Type I Model	Type II Model	Remote Control
Enable	Stop	Stop	Stop
Disable	Stop	No	Stop

WARNING: It is strongly recommended to set the Selection 4 as "Enable" for Type I and as "Disable" for Type II when operating with the bill acceptor.

5.4 Press the Stop button twice to return to the welcome screen.

6. Programming Bill Acceptor

6.1 Setting the Bill Acceptor On or Off

Using the password, enter the <<SYSTEM CONTROL>> screen (For Type II, use the Remote Control.):

- Press 1 to choose "Select Acceptor". Then use the LineDn and LineUp buttons to choose Bill. Only Bill / Off options are viable in JB-99RG model.

- Press the Stop button to return to the Welcome screen.

WARNING: To operate the JB-99RG with bill acceptor, you must check the button control settings to be as instructed in the Step 5. Setting Button Controls:

Button Controls	Type I Model	Type II Model
Selection 1	Disable	Disable
Selection 2 (Button set#01)	Disable	Disable
Selection 4 (Button set#03)	Enable	Disable

6.2 Setting prices

Using the password, enter the <<SYSTEM CONTROL>> screen (For Type II, use the Remote Control.):

- Press 2 to select “Credits per $1”. Then use the LineDn and LineUp buttons to select the amount you wish.

- Press 3 to select “Debits per Karaoke”. Then use the LineDn and LineUp buttons to select the amount you wish for a Karaoke song.

- Press 4 to select “Debits per Music”. Then use the LineDn and LineUp buttons to select the amount you wish for a Jukebox song.

- Press the Stop button to return to the Welcome screen.

Examples:

- If the “Credits per $1” is 2, the “Debits per Karaoke” is 1, and “Debit for Music” is 1, then the price per Karaoke or Jukebox song is $0.50.

- If the “Credits per $1” is 1, the “Debits per Karaoke” is 2, and “Debits for Music” is 1, then the price per Karaoke song is $2.00 and the price per Jukebox song is $1.00.

6.3 Operating with Bill Acceptor

- Insert the money ($1, $5, $10, $20) into the bill acceptor.

- Select a song from the songbook or the on-screen songlist.

- Type I model - Press the Play button to begin playing the song or the PROG button to program the song into the reservation queue. You can program as many songs as your credit allows and press Play to begin playing.

  Press the Stop button to stop playing. This will be possible only within first 10 seconds of the song. Also press the Cancel button to cancel a programmed song. This will also be possible only within 10 seconds after the song is programmed.

- Type II model - Press the START/ENTER button to begin playing. With remaining credit, you can continue to enter the song codes and press the START/ENTER button to place the songs into the reservation queue.

  The STOP/RETURN button will not stop a song in play nor cancel a song in the queue at any time. To stop a song in play, press the Stop button on the remote control, and to cancel a song in the queue, press the song code and then the Cancel button on the remote control at any time.

- Turn on the microphones and sing along with the lyrics.

7. Setting Karaoke Play / Jukebox Play

Using the password, enter the <<SYSTEM CONTROL>> screen. Press 6 to select "Button Control".

7.1 Press 3 and use the LineDn and LineUp buttons to set the "Button set #02" to Kar & Juk / Kar / Juk that lets users play both the Karaoke and Jukebox songs, only the Karaoke songs, or only the Jukebox songs.

7.2 Press the Stop button twice to return to the welcome screen.

8. Setting Score Function

Using the password, enter the <<SYSTEM CONTROL>> screen. (For Type II, use the Remote Control.) Press 6 to select "Button Control".

8.1 Press 5 and use the LineDn and LineUp buttons to set the "Button set #04" as Off / On High / On Med / On Low. When set as On High / On Med / On Low, the JB-99RG will give numeric scores to users for their singing after each song. The scores will average at 90, 80 or 70 points out of perfect 100 points depending on High, Med, or Low setting.

8.2 Press the Stop button twice to return to the welcome screen.

9. Setting Initial Welcome Screen

Using the password, enter the <<SYSTEM CONTROL>> screen. (For Type II, use the Remote Control.)

9.1 Press 7 to select “Display Title”. Then use the LineDn and LineUp buttons to select On / Off. Setting as Off will clear any message on the initial welcome screen.

9.2 Press the Stop button twice to return to the welcome screen. And there will be a blank initial screen.

NOTE: With the blank initial screen, inputting a song number and pressing the Play button will still function to play the selected song. Other functions listed in Step.4 will also work as usual.

NOTE: To change the wording in the initial welcome screen, for example, to put in your own company name and message, please inquire to CAVS Tech Support.

10. Setting Song Count

Using the password, enter the <<SYSTEM CONTROL>> screen. (For Type II, use the Remote Control.)

10.1 Press 8 to select “Song Count”. A new screen <<SONG COUNT>> will appear on the TV monitor.

10.2 Master count will show the total number of songs played in the machine.

10.3 Current count will show the total number of songs played since the last Count Reset. Press 1 to reset the Current count, and the number of songs played in the Current count will be automatically added to the Master count before resetting to zero.

10.4 Press the Stop button twice to return to the welcome screen.

11. Collecting bills

11.1 Open the steel case door on the right side of the JB-99RG using a key provided with JB-99RG. Inside, there is a gray plastic box held attached to the bill acceptor. This plastic box holds maximum of 600 bills (of $1, $5, $10, $20).

11.2 Slip a hand into the bottom side of the plastic box. There is a latch that holds up the box and is located between the bill acceptor and the plastic box. Slide the latch towards the bill acceptor and it will free the plastic box to drop slightly. Remove the plastic box from the bill acceptor.

11.3 The bottom of the plastic box (as it is positioned inside the JB-99RG) opens up to show the bills inside the box. Slide the bills out and reattach the box to the bill acceptor.

12. Loading Song Updates

Monthly song updates will arrive in a Data CD (of CD-ROM format) from CAVS. To download the songs into JB-99RG:

12.1 Enter the password to open <<SYSTEM CONTROL>> screen. (For Type II, use the Remote Control.)

12.2 Select 6.Button Control to display the <<BUTTON CONTROL>> screen. Select 2 and use the LineDn and LineUp buttons to set the Button set #01 as "Enable".

12.3 Press the Stop button twice to return to the welcome screen. Then press the Menu button to enter into <<<FUNCTION>>> screen. (For Type II, use the Remote Control.)

12.4 Select 4.System Setup to display <<SYSTEM SETUP>> screen. Select 1.Download from CD-ROM to display the following <<<DOWNLOAD>>> screen.

<<<DOWNLOAD>>
Insert the SONG DATA CD-ROM
into Tray 1.
Then Close the Tray
and press PLAY

NOTE: To understand the use of other available functions in the <<<FUNCTION>>> screen and <<SYSTEM SETUP>> screen, please refer to the User's Manual of JB-99.

12.5 Insert the Data CD into the CD-ROM drive located in the back of the JB-99RG and close the tray.

12.6 Press the Play button to display the following menu:

1. To begin download, press 'PLAY'
   Starting song number xxxxxx
2. To change setting, press '2'

WARNING: Pressing the Play button in Step 12.6 may at times fail to display the new menu and instead display a sign 'NO DISC' on the top right corner of the TV monitor. Press the Play button once more to display the new screen.

12.7 Refer to the instruction note that comes with the song update Data CD and follow the instruction for changing the setting.

WARNING: Each JB-99RG unit has customized set of songs. Loading the song updates must follow the instruction given with the song update Data CD to avoid any unwanted overwriting of songs. If the instruction given with the song update Data CD is not clear, contact CAVS Tech Support for assistance.

12.8 Having changed the settings as instructed, press Play button to begin downloading. One song will take approximately 25 seconds to download.

12.9 When the downloading is completed, press the Stop button until the welcome screen is displayed.

12.10 Enter the password to return to <<SYSTEM CONTROL>> screen. (For Type II, use the Remote Control.)

12.11 Select 6.Button Control. Then select 2 and set the Button set #01 as "Disable".

12.12 Press the Stop button twice to get back to the welcome screen.

13. Upgrading Operating System

Operating system (OS) upgrade will arrive in a Data CD (of CD-ROM format) from CAVS. To install the OS upgrade into the JB-99RG:

13.1 Enter the password to open <<SYSTEM CONTROL>> screen. (For Type II, use the Remote Control.)

13.2 Select 6.Button Control to display the <<BUTTON CONTROL>> screen. Select 2 and use the LineDn and LineUp buttons to set the Button set #01 as "Enable".

13.3 Press the Stop button twice to return to the welcome screen. Then press the Menu button to enter into <<<FUNCTION>>> screen. (For Type II, use the Remote Control.)

13.4 Select 4.System Setup to display <<SYSTEM SETUP>> screen. Select 1.Download from CD-ROM to display the following <<<DOWNLOAD>>> screen.

<<<DOWNLOAD>>
Insert the SONG DATA CD-ROM
into Tray 1.
Then Close the Tray
and press PLAY

NOTE: To understand the use of other available functions in the <<<FUNCTION>>> screen and <<SYSTEM SETUP>> screen, please read the User's Manual of JB-99.

13.5 Insert the Upgrade Data CD into the CD-ROM drive located in the back of the JB-99RG and close the tray.

13.6 Press the Play button and the new operating system will begin loading into the JB-99RG system. When the loading is completed, the following message will appear at the bottom of the screen:

System program update
booting.. POWER OFF

WARNING: Pressing the Play button in Step 13.6 may at times fail to update the operating system and instead display a sign 'NO DISC' on the top right corner of the TV monitor. Press the Play button once more to proceed.

13.7 Turn off the JB-99RG by pressing the Power button on the Remote Control. After waiting for a few seconds, restart the JB-99RG by pressing the Power button. Wait for the blue initial screen and display of the version number for

the upgraded operating system. The system will then continue to boot itself to the Welcome screen.

13.8 Enter the password to return to <<SYSTEM CONTROL>> screen. (For Type II, use the Remote Control.)

13.9 Select 6.Button Control. Then select 2 and set the Button set #01 as "Disable".

13.10 Press the Stop button twice to get back to the welcome screen is.

14. Internal Background Video

A background picture to play behind the lyrics on the TV monitor can be sourced from a Video CD (VCD) placed in the disc tray #1 of JB-99. One such VCD marked as BGV Background is included in the JB-99RG unit.

14.1 Remove the front panel (with the dark glass window) of the JB-99RG by unscrewing the two white bolts at each end. Gently pull out the front panel from the topside.

WARNING: The front panel is attached to the case of JB-99RG by a remote sensor wire from inside. Do not pull out the panel completely. Only displace the panel with enough space for the disc tray of JB-99 unit inside to slide open.

14.2 Enter the password to open <<SYSTEM CONTROL>> screen. (For Type II, use the Remote Control.)

14.3 Select 6.Button Control to display the <<BUTTON CONTROL>> screen. Select 2 and use the LineDn and LineUp buttons to set the Button set #01 as "Enable".

14.4 Press the Stop button twice to return to the welcome screen.

14.5 Press the Open/Close button to open the disc tray. Then press the Disc Change button to bring out the disc tray #1 to the front and place the Video CD into the slot. (For Type II, use the Remote Control.)

14.6 Press the Open/Close button to close the disc tray. (For Type II, use the Remote Control.)

14.7 Press the Menu button to enter into <<<FUNCTION>>>. Select 4.System Setup to enter into <<SYSTEM SETUP>>. (For Type II, use the Remote Control.)

14.8 Select 3.Video Source to display "Internal". The factory default setting is "Internal".

14.9 Select 4.Disc 1 Type to display "VCD". Press Stop button twice to return to the welcome screen.

14.10 Attach the front panel back to the case of JB-99RG and screw the two white bolts at each end.

14.11 Enter the password to return to <<SYSTEM CONTROL>> screen. (For Type II, use the Remote Control.)

14.12 Select 6.Button Control. Then select 2 and set the Button set #01 as "Disable".

14.13 Press the Stop button twice for the welcome screen.

14.14 Next time when a song is in play, the TV screen will display the picture from the Video CD as the background to the lyrics.

NOTE: Having inserted the Vide CD and set the Video Source as Internal as above, you may turn on or off the background picture simply by pressing the BGV button for BGV ON / BGV OFF (For Type II, use the Remote Control.).

15. External Background Video

A background picture playing behind the lyrics on the TV monitor can be imported from an external source such a DVD player or a camcorder.

15.1 Remove the top back panel on the back of the JB-99RG by unscrewing 6 bolts.

15.2 Insert a video RC cable through the circular hole on the top of the JB-99RG and connect the end below the hole to the Video In of the JB-99. Connect the other end outside the hole to the Video Out of an external video source. Close the top back panel with the 6 bolts.

15.3 Enter the password into the JB-99RG to open <<SYSTEM CONTROL>> screen. (For Type II, use the Remote Control.)

15.4 Select 6.Button Control to display the <<BUTTON CONTROL>> screen. Select 2 and use the LineDn and LineUp buttons to set the Button set #01 as "Enable".

15.5 Press the Stop button twice to return to the welcome screen. Then press the Menu button to enter into <<<FUNCTION>>> screen. (For Type II, use the Remote Control.)

15.6 Select 4.System Setup to display <<SYSTEM SETUP>> screen. Select 3.Video source to display "External".

WARNING: Be sure to have the external video source such as a DVD player or a camcorder turned on and playing before proceeding further.

15.7 Press the Stop button to return to the welcome screen. You should now see the text of the welcome screen superimposed on the background video of the external source.

15.8 Enter the password to display <<SYSTEM CONTROL>> screen. (For Type II, use the Remote Control.)

15.9 Select 6.Button Control. Then select 2 and set the Button set #01 as "Disable".

15.10 Press the Stop button until the welcome screen is displayed.

NOTE: Having connected an external video source to JB-99RG and set the Video Source as External as above, you may turn on or off the background picture simply by pressing the BGV button for BGV ON / BGV OFF (For Type II, use the Remote Control.).

16. Mixer-Amplifier

CAVS CA-242RA mixer-amplifier located in the back of the JB-99RG comes with many individual controls for Mic1, Mic2, Echo, Music, and Master.

	CONTROLS							
MIC 1	VOLUME	BALANCE	ECHO	LO	MID	HI	x	x
MIC 2	VOLUME	BALANCE	ECHO	LO	MID	HI	x	x
ECHO	VOLUME	x	x	LO	x	HI	REPEAT	DELAY
MUSIC	VOLUME	BALANCE	x	LO	MID	HI	x	x
MASTER	VOLUME	x	x	LO	MID	HI	x	x

Before making any adjustment, it is recommended to begin with all control knobs at the 12 o'clock (center) position except for the master volume (large round knob) that is to be set at 9 o'clock position.

16.1 Master Volume Control

Using the Volume button on the front panel of JB-99RG (For Type II, use the Remote Control.), increase the volume level by pressing the up (▲) button and

decrease by pressing the down (▼) button. You may also go directly to the back of the JB-99RG and turn the master volume control knob of the mixer-amplifier.

16.2 Vocal Volume Control

Increase or decrease the vocal volume level by adjusting the volume controls of Mic1 and Mic 2 located on the back of JB-99RG.

NOTE: If the volume controls of Mic 1 and Mic 2 are nearing 3 O'clock positions and you still need to increase the vocal volume, it is recommended instead to decrease the music volume level and at the same time increase the master volume level.

16.3 Base (LO) Level Control

If you are finding too much Base (LO) in the music, you can decrease the LO level by turning the LO control knob of the master or the LO control knob of the music.

16.4 Echo Level Control

Depending on the individual singer, he/she may prefer to increase or decrease the Echo volume level. Adjust the Echo volume level with the volume control knob of Echo or the echo control knobs of Mic 1 and Mic 2.

17. Cassette Recorder

The cassette recorder of JB-99RG comes with the standard functions of Play, Rewind, F.Forward, Stop/Eject, and Record. And it is ready at any time to record all master audio output of JB-99RG onto a cassette tape.

- Insert a standard cassette tape into the cassette recorder.
- Press the Rec button to begin recording.

- The recording will continue for the time length of the cassette tape (for example 30 min, 60 min, etc.)

- When finished recording, press the Eject button and remove the cassette tape.

18. Frequently Asked Questions

18.1 Can the JB-99RG unit be connected to more than one TV monitor?

Answer: Yes, using a video distributor, the video cable coming out from the top of the JB-99RG can be connected to 2 or more TV monitors simultaneously.

A video distributor can be purchased from CAVS or any electronic stores such as Radio Shack.

18.2 Can the JB-99RG unit be connected to external speakers or external audio system?

Answer: Although the mixer-amplifier of the JB-99RG has additional speaker connectors, it is strongly recommended not to connect any external speakers directly to the mixer-amplifier as it may cause serious damage to the mixer-amplifier and the speakers. A safer and better way is to connect from the Line Out of the mixer-amplifier using an audio RC cable to an external amplifier, and then connect the external speakers to the external amplifier.

To connect an audio RC cable to the Line Out of the mixer-amplifier, you will need to open the front panel of the JB-99RG. Please contact the CAVS technical support department before proceeding.

18.3 How can one learn more about the available features of the JB-99RG?

Answer: The main engine of the JB-99RG karaoke jukebox is the JB-99 digital jukebox designed and manufactured by CAVS. To understand all features of the JB-99 jukebox, please refer to the User's Manual of JB-99 Digital Jukebox enclosed in your JB-99RG unit.

18.4 How can the previous credits in the bill acceptor be erased?

Answer: To erase the credit remaining in the JB-99RG, turn off and on the bill acceptor from the <<SYSTEM CONTROL>> window. Please note that turning off and on the JB-99RG unit will not erase the credit remaining.

19. Tech Support

For technical support on the JB-99RG, please contact:

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